

IN THE SPECIFICATION:

Please replace the paragraph at page 2, lines 21-27 with the following:

a1
A common problem with the present methods for [synthesising] synthesizing these graphitic materials is the low production yield. The fullerenes are most often [synthesised] synthesized by [vaporising] vaporizing graphite electrodes via carbon-arc discharges in a reduced inert gas atmosphere. There has been reported a conversion rate into fullerenes of 10-15%, corresponding to a generation rate of nearly 10 grams per hour [11].

Please replace the paragraph at page 3, lines 1-5 with the following:

a2
Resistive heating of a carbon rod, with further deposition on cooler surfaces was used to produce cones with apparent cone angles of approximately 39° [5]. It can be shown from a ~~continuous~~ continuous sheet of graphite that only five types of cones can be assembled, where each domain is uniquely defined by its topological disclination TD given by the general formula: